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IGF -->

insulin like growth factor

<growth factor> Insulin like growth factors I and II are polypeptides with considerable sequence similarity to insulin.

They are capable of eliciting the same biological responses, including mitogenesis in cell culture. On the cell surface, there are two types of insulin like growth factor receptor, one of which closely resembles the insulin receptor (which is also present).

Insulin like growth factor I = somatomedin A = somatomedin C

Insulin like growth factor II = MSA (Multiplication stimulating activity).

Insulin like growth factor 1 is released from the liver in response to growth hormone.

Acronym: IGF

(18 Nov 1997)

Previous: insulin injection, insulin, isophane, insulin, lente, insulin-like activity

Next: insulin-like growth-factor binding protein 1

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